





AMIO RAHMAN

COMPUTER ENGINEERING

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EXPERIENCE

Envision IT Inc.

Mississauga | September 2018 - December 2018

Junior Web Developer

- Developed a dynamic **ASP .Net Core** web application for company site by utilizing **jQuery**, **Bootstrap**, **Handlebar.js** and **Knockout.js**
- Migrated site from **Sharepoint** On-Premise to **Azure** and updated codebase for console application run as a WebJob
- Upgraded internal timetracking application to adhere to current browser standards which utilizes **FullCalendar** api to display employee hours and budget spent on projects for multiple clients extracted from **SQL** server

Blueprint Software Systems

Toronto | January 2018 - April 2018

Quality Assurance Business Analyst

- Proposed and logged several edge cases during regression testing of major functionalities which led to product improvement
- Ensured functionality and design in **InVision** adhered to user criteria and constraints by logging 20+ bugs which were crucial for user experience
- Collaborated with developers and UX team to analyze and create Acceptance Criteria to plan test cases in Test Rail for User Stories in **JIRA**

PROJECTS

Safe-Walks | EngHack

<https://github.com/shaqeebmomen/Safe-Walks>

- Integrated Raspberry Pi to utilize a PIR sensor to monitor the motion of jaywalkers using **Firebase** for data storage
- Developed a javascript web application that queries the location data of jaywalkers and transmits data to a nearby traffic officer's mobile via text messages using StdLib's **MessageBird**

DWorkID | BlockHack

<https://github.com/krishnavaidy/dworkid>

- Developed a decentralized web application that securely validates employment history corresponding to a user's **MetaMask** public address and deploys the employer's signature to the Ethereum blockchain
- Designed the UX/UI components for the webpages and collaborated with the blockchain development using solidity

BlindKey

<https://github.com/Amio-R/BlindKey>

- Created an IoT braille input device using Onion Omega2 to output alphabets when a series of buttons are pressed in sequence
- Integrated hardware and software using uggio library in C++ and cross compiled using Linux

SKILLS

Languages:

- Java
- Javascript
- C++
- JQuery
- HTML5
- CSS3

Frameworks/Tools:

- Azure
- .NET Core
- GIT
- Handlebar
- Unix
- Knockout
- Adobe CC
- Sharepoint

EDUCATION

University of Waterloo

Candidate for Bachelor of Applied Science, Computer Engineering (Expected 2023)

Relevant Course

Fundamentals of Programming (C++)

INTERESTS

- Web Development
- Machine Learning
- Blockchain
- Photography
- Graphic Design
- Recording covers
- Filmography
- Ultimate Frisbee
- Table Tennis